

IN THE CLAIMS:

1. (Amended) A protective film transfer sheet comprising a peelable support and a protective film formed on the support, wherein the protective film comprises a protective layer and an adhesive layer formed on the support in this order and the adhesive layer contains an ionizing radiation curable resin and a heat-reactive resin and has pressure-sensitive adhesiveness, the pressure-sensitive adhesiveness of the adhesive layer being increased by heat imparted after transfer onto ~~transferred on~~ the image surface of a photo ~~mask masks~~, said adhesive layer being ~~and is~~ curable by exposure to ionizing radiation.

2. (Amended) The protective film transfer sheet ~~for photo-masks~~ of claim 1, wherein the heat-reactive resin is included in the adhesive layer in an amount of 50-200 parts based on 100 parts by weight of the ~~contains an~~ ionizing radiation curable resin ~~and a heat-reactive resin~~.

3. (Amended) The protective film transfer sheet ~~for photo-masks~~ of claim 2, wherein the heat-reactive resin is an acrylic copolymer including a monomer having a heat-reactive functional group as a monomer component.

4. (Amended) The protective film transfer sheet ~~for photo-masks~~ of claim 3, wherein the monomer having a heat-reactive functional group is a monomer having a hydroxy group.

5. (Amended) The protective film transfer sheet ~~for photo-masks~~ of claim 4, wherein the monomer having a heat-reactive functional group is an N-methylol acrylamide monomer.
6. (Amended) The protective film transfer sheet ~~for photo-masks~~ of claim ~~1~~ 2, wherein the ionizing radiation curable resin consists of a paint obtained by mixing one or more kinds of photopolymerizable prepolymers or photopolymerizable monomers which can be crosslinked and cured by exposure to ionizing radiation, and at least one kind of the photopolymerizable prepolymers or photopolymerizable monomers has a hydroxy group.
7. (Cancelled).
8. (Amended) The protective film transfer sheet ~~for photo-masks~~ of claim 1, wherein the thickness of the protective film is in the range of 1-20 μm .
9. (Amended) The protective film transfer sheet ~~for photo-masks~~ of claim 8, wherein the thickness of the protective layer and adhesive layer is in the range 0.5-15 μm respectively.
10. (Cancelled).
11. (Cancelled).
12. (Cancelled).